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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4

Application Number

10/528,239

Filing Date

19 September 2003

First Named Inventor

Cheng Hu

Art Unit

Examiner Name

Attorney Docket Number

N2010006

**ENCLOSURES (Check all that apply)**

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
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| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
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| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input type="checkbox"/> Other Enclosure(s) (please identify below):                    |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Terminal Disclaimer                              |   |
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                               |          |        |
|--------------|-------------------------------|----------|--------|
| Firm Name    | Oyen Wiggs Green & Mutala LLP |          |        |
| Signature    |                               |          |        |
| Printed name | Thomas W. Bailey              |          |        |
| Date         | 9 May 2006                    | Reg. No. | 36,411 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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| Signature             |  |      |  |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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N201 0006  
TWB/cr

Paper No.: \_\_\_\_\_

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Inventor(s): HU, Cheng; QU, Xidong; WU, Q.M. Jonathan; STANLEY, Kevin G.  
Title: METHOD AND APPARATUS FOR DETECTING AND LOCATING GAS  
LEAKS  
Serial No.: 10/528239  
Filed: 19 September 2003  
Date: 9 May 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**Disclosure Statement Pursuant to 37 C.F.R. §1.56**

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant(s) and/or their agents and is being submitted in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with 37 C.F.R. §1.98, transmitted herewith are:

1. A completed copy of Form PTO/SB/08 "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and

2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after 30 June 2003.

As this application was filed after 30 June 2003, copies of the U.S. patents and published U.S. patent applications listed on the enclosed Form PTO/SB/08 are not required and, therefore, not included herewith.

Respectfully submitted,

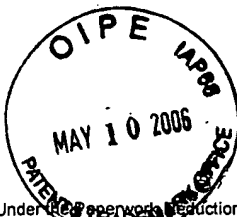
By:



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Encl.



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/528239         |
| Filing Date            | 19 September 2003 |
| First Named Inventor   | HU, Cheng         |
| Art Unit               |                   |
| Examiner Name          |                   |
| Attorney Docket Number | N2010006          |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US- 5301538                              | 04-12-1994                     | Recla  |   |
|                    |                       | US- 6157033                              | 12-05-2000                     | Chudnovsky   |   |
|                    |                       | US- 5214412                              | 05-25-1993                     | Gavlak et al.                                      |   |
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|                    |                       | US- 6265222                              | 07-24-2001                     | DiMeo, Jr. et al.                                  |   |
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|                    |                       | US- 6519041                              | 02-11-2003                     | Berthold   |   |
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|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | WO 03012387   | 02-13-2003                     | Lattice Intell.                                    |   |                |
|                    |                       | WO 9846376  | 10-22-1998                     | Science & Engin                                    |   |                |
|                    |                       | JP 07333097 (Abs)   | 12-22-1995                     | Chiyoda Corp                                       |   |                |
|                    |                       | JP 05196534 (Abs)   | 08-06-1993                     | Osaka Gas Co                                       |   |                |
|                    |                       |   |                                |  |   |                |
|                    |                       |   |                                |  |   |                |

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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